## MATERIAL SAFETY DATA SHEET

Product Name: All American Lawn and Garde	entification		
Manufacturer's Name	Emergency Telephone Number		
IMC VIGORO	CHEMTREC 800-424-	<u> </u>	
Address (Number, Street, City, State, and ZIP Code)	Telephone Number For Information		
P.O. Box 512	838-844-6761		
	Date Prepared		
Winter Haven FL 33882	4 September 1996		
	Signature of Preparer (optional)		
	Michael Archer, ASSE		
Section 2, Composition / Information on Ingre			
Television of the second of th		Exposur	= 1 imite
Component - one or more of the following:	CAS Registry #	ACGIH TLV	OSHA PE
Ammonium sulfate	7783-20-2	Not est.	10 mg/s
Ammonium phosphate	7783-28-0	Not est.	10 mg/s
Potassium chloride	7447-40-7	Not est.	10 mg/s
Limestone granules	Mixture	Not est.	10 mg/:
Absorbent	Mixture	Not est.	10 mg/1
Section 3. Hazards Identification	<del></del>		
NGESTION: May cause irritation of gast CHRONIC EFFECTS/CARCINOGENICITY: No effects Section 4. First Aid Measures EYE CONTACT: Flush eyes with water for persists.	known.	ttention if irr	itation
SKIN CONTACT: Wash thoroughly with soap	and water.		
NGESTION: Drink 2-3 glasses of water as		edical attention	1 -
NOTE TO PHYSICIAN: Treat adverse effects			
	-1		
Section 5. Fire Fighting Measures	<u> </u>		
FLAMMABLE PROPERTIES:			
FLASH POINT: Not applicable	METHOD USED: Not ap	plicable	
FLAMMABLE LIMITS			
LFL: Not applicable	UFL: Not ap	plicable	
EXTINGUISHING MEDIA: Use fire fighting med	lia as for surrounding fire	3 .	
FIRE & EXPLOSION HAZARDS: Cyanic acid, NH3,	HCN, CO, NOx, bluget and	phosphates. Doe	s not
contain ammobium bitrate.			
FIRE FIGHTING INSTRUCTIONS : Keep all persons	upwind of smoke and vapor	s. Waters from	fire
fighting may be hazardous and should	be contained to prevent th	eir access into	natural
	aters before disposal.		
and drinking waters. Analyze waste w	ed preathing apparatus and	init podá broce	CHTOU.
and drinking waters. Analyze waste w FIRE FIGHTING EQUIPMENT: Wear self-contains			
and drinking waters. Analyze waste w FIRE FIGHTING EQUIPMENT: Wear self-containe Section 6. Accidental Release Measures			
and drinking waters. Analyze waste w FIRE FIGHTING EQUIPMENT: Wear self-contains	to prevent contamination.	Repackage in 1	abeled
and drinking waters. Analyze waste w FIRE FIGHTING EQUIPMENT: Wear self-containe Section 5. Accidental Release Measures Sweep up material as soon as spilled	to prevent contamination.	Repackage in 1	abeled

Section 8, Exposure Controls / Personal Pro		
NGINEERING CONTROLS: Use outdoors only		
RESPIRATORY PROTECTION: None required in	f PEL is expected to be below 10 mg	<b>J/m3.</b>
KIN PROTECTION: None required.		
EYEPROTECTION: Use eye protection if	granules may come in contact with a	eyes.
Section 9. Physical and chemical Properties		
APPEARANCE: Granules		Dry
BOILING POINT: Not appl		70-100 3
EVAPORATION RATE: Not appl		1.2
FREEZING POINT: Not appl	Licable VAPOR DENSITY:	Not applicable
MELTING POINT: Not appl	Licable VAPOR PRESSURE:	Not applicable
MOLECULAR WEIGHT: Not appl	licable Viscosity:	Not applicable
QDOR: None	% VOLATILE :	None
pH: 6.0-8.0	Migrifian republican republican republican politica and publican republican color operation and product and research	
Section 10. Stability and Reactivity	·	
HEMICAL STABILITY: Stable	<del></del>	
NCOMPATIBILITY: Strong acids	والمرابع والم	
AZARDOUS DECOMPOSITION PRODUCTS ; Cyanic	acid, NH3, HCN, CO, NDx and biuret	
AZARDOUS POLYMERIZATION : Does not accur		
Section 11, Toxicological Information	<del></del>	<del></del>
YE: No specific data		
KIN: Not considered to be a sensitiz	ar ·	
WCESTION: No specific data.		
	y route of entry.	
MALATON: No specific data, bilitati		
WEDNIC LCARCINGGENICITY, Not listed on I	TADO . NOB A- ACUA 16-A	
HRONIC/CARCINOGENICITY: Not listed on I	IARC, NTP or OSHA lists as a carcin	ogen.
Section 12. Ecological Information		<del>- 1</del>
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION : Keep out of	natural and drinking waters. Hig	h concentrations a
section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of How source into bodies of water may	natural and drinking waters. Hig	h concentrations a
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Tow source into bodies of water may organisms.	natural and drinking waters. Hig	h concentrations a
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations	natural and drinking waters. Hig y cause temporary conditions unfave	h concentrations a
Section 12. Ecological information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations (atexial disposal: Reuse if possible	natural and drinking waters. Hig y cause temporary conditions unfavo e. Material contaminated with dirt	h concentrations a brable for aquatic
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations	I natural and drinking waters. Hig y cause temporary conditions unfavo a. Material contaminated with dirt f on site or at an approved waste d	h concentrations a prable for aquatic can be reused hisposal facility.
section 12. Ecological information COTOXICOLOGICAL INFORMATION: Keep out of flow source into bodies of water may organisms. Section 13. Disposal Considerations (aterial disposal: Reuse if possible of reuse is not possible, dispose of	I natural and drinking waters. High y cause temporary conditions unfavorate the state of the sta	h concentrations a prable for aquatic can be reused disposal facility.
Section 12. Ecological information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations (atexial disposal: Reuse if possible ffreuse is not possible, dispose of container disposal: Place in trash is Section 14. Transport Information (Not mean	I natural and drinking waters. High y cause temporary conditions unfavorate the state of the sta	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological information COTOXICOLOGICAL INFORMATION: Keep out of clow source into bodies of water may organisms. Section 13. Disposal Considerations (atexial disposal: Reuse if possible f reuse is not possible, dispose of container disposal: Place in trash is section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer	natural and drinking waters. High y cause temporary conditions unfavorate and an approved waste of for disposal at an approved waste of the beall inclusive)	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of flow source into bodies of water may organisms. Section 13. Disposal Considerations (atexial disposal: Reuse if possible if reuse is not possible, dispose of container disposal: Place in trash if section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean	natural and drinking waters. High y cause temporary conditions unfavorate and an approved waste of for disposal at an approved waste of the beall inclusive)	h concentrations a brable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations Saterial disposal: Reuse if possible if reuse is not possible, dispose of container disposal: Place in trash is Section 14. Transport Information (Not mean D.O.T. SHPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHASTATUS: Not listed	natural and drinking waters. High y cause temporary conditions unfavorate and an approved waste of for disposal at an approved waste of the beall inclusive)	h concentrations a brable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations Section 13. Disposal: Reuse if possible f reuse is not possible, dispose of container disposal: Place in trash is Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHASTATUS: Not listed. SCASTATUS: All components listed.	natural and drinking waters. High y cause temporary conditions unfavorate and an approved waste of for disposal at an approved waste of the beall inclusive)	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations Section 13. Disposal: Reuse if possible f reuse is not possible, dispose of container disposal: Place in trash i Section 14. Transport Information (Not mean D.O.T. SHPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHASTATUS: Not listed. SCASTATUS: All components listed. ERCLA REFORTABLE QUANTITY: Not listed.	natural and drinking waters. High y cause temporary conditions unfavorate and an approved waste of for disposal at an approved waste of the beall inclusive)	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations (aterial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash is section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mea sisting 15. Regulatory Information (Not mea SEASTATUS: Not listed. SEASTATUS: All components listed. SEACLA REPORTABLE QUANTITY: Not listed. ARA THLE III:	I natural and drinking waters. High y cause temporary conditions unfave as the contaminated with dirt of on site or at an approved waste of to be all inclusive)  commodity, non-hazardous classificant to be all inclusive - selected regulation of the commodity of	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of clow source into bodies of water may organisms. Section 13. Disposal Considerations (atexial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash is cettion 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mea SHA STATUS: Not listed. ERCLA REPORTABLE QUANTITY: Not listed. ARA TITLE III: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE	I natural and drinking waters. High y cause temporary conditions unfavorable and the state of th	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of clow source into bodies of water may reganisms. Section 13. Disposal Considerations (aterial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash of cetion 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SEA STATUS: All components listed. ARA TITLE NI: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 31/312 HAZARDOUS CATEGORIES	I natural and drinking waters. High y cause temporary conditions unfavorate and the state of the	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of Flow source into bodies of water may reganisms. Section 13. Disposal Considerations Satexial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash of Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SCA STATUS: All components listed. SCA STATUS: All components listed. RECLA REPORTABLE QUANTITY: Not listed. RARA TILLE III: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 31/312 HAZARDOUS CATEGORIES SECTION 313 TOXIC CHEMICALS	I natural and drinking waters. High y cause temporary conditions unfavorable and the state of th	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations Satexial disposal: Reuse if possible if reuse is not possible, dispose of container disposal: Place in trash if Section 14. Transport Information (Not mean D.O.T. SHPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SCA STATUS: All components listed. ARA THLE NE. SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 310312 HAZARDOUS CATEGORIES SECTION 313 TOXIC CHEMICALS CRASTATUS: Not listed.	I natural and drinking waters. High y cause temporary conditions unfavorate and the state of the	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of Flow source into bodies of water may reganisms. Section 13. Disposal Considerations Satexial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash of Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SCA STATUS: All components listed. SCA STATUS: All components listed. RECLA REPORTABLE QUANTITY: Not listed. RARA TILLE III: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 31/312 HAZARDOUS CATEGORIES SECTION 313 TOXIC CHEMICALS	I natural and drinking waters. High y cause temporary conditions unfavorate and the state of the	h concentrations a rable for aquatic can be reused disposal facility. disposal facility.
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of Flow source into bodies of water may organisms. Section 13. Disposal Considerations (atexial disposal: Reuse it possible ff reuse is not possible, dispose of container disposal: Place in trash is Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SIGNA STATUS: Not listed. SECA STATUS: All components listed. SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 313 TOXIC CHEMICALS CRASTATUS: Not listed. ALLFORNIA PROPOSITION 85: Not listed. ALLFORNIA PROPOSITION 85: Not listed.	I natural and drinking waters. High y cause temporary conditions unfave e. Material contaminated with dirt for site or at an approved waste of the form of the for	h concentrations a rable for aquatic can be reused disposal facility. cation epresented)
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of clow source into bodies of water may organisms. Section 13. Disposal Considerations (aterial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash is Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SEA STATUS: All components listed. SERCIA REPORTABLE QUANTITY: Not listed. ARA TITLE NI: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 313 TOXIC CHEMICALS CRA STATUS: Not listed. ALIFORMIA PROPOSITION 85: Not listed. SECTION 16. Other Information Information given herein is given in	I natural and drinking waters. High y cause temporary conditions unfavorable and approved wasted for disposal at an approved wasted at the beall inclusive)  commodity, non-hazardous classificant to be all inclusive - selected regulation of the control of the co	h concentrations a brable for aquatic can be reused disposal facility. cation epresented)
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of clow source into bodies of water may reganisms. Section 13. Disposal Considerations (atexial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash of Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SCA STATUS: All components listed. SCA STATUS: All components listed. SECTION 313312 HAZARDOUS CATEGORIES SECTION 313 TOXIC CHEMICALS CRASTATUS: Not listed. ALIFORNIA PROPOSITION 85: Not listed. ALIFORNIA PROPOSITION 85: Not listed. Information given herein is given in side. Information is accurate as of	I natural and drinking waters. High y cause temporary conditions unfavorable and a contaminated with dirt of on site or at an approved waste of for disposal at an approved waste of the beall inclusive)  commodity, non-hazardous classificant to be all inclusive - selected regulation of the beall inclusive - selected regulation of the beal inclusive - selected regul	h concentrations a brable for aquatic can be reused disposal facility. cation epresented)
Section 12. Ecological Information COTOXICOLOGICAL INFORMATION: Keep Out of clow source into bodies of water may organisms. Section 13. Disposal Considerations (aterial disposal: Reuse if possible of reuse is not possible, dispose of container disposal: Place in trash is Section 14. Transport Information (Not mean D.O.T. SHIPPING NAME: Consumer Section 15. Regulatory Information (Not mean SHA STATUS: Not listed. SEA STATUS: All components listed. SERCIA REPORTABLE QUANTITY: Not listed. ARA TITLE NI: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE SECTION 313 TOXIC CHEMICALS CRA STATUS: Not listed. ALIFORMIA PROPOSITION 85: Not listed. SECTION 16. Other Information Information given herein is given in	I natural and drinking waters. High y cause temporary conditions unfave e. Material contaminated with dirt for site or at an approved waste of for disposal at an approved waste of to be all inclusive)  Commodity, non-hazardous classificant to be all inclusive - selected regulation not for the date noted. Into warranty, expression of date noted. Into Vigoro assumes not label directions. Information for	h concentrations a rable for aquatic can be reused lisposal facility. Cation epresented)  ess or implied, io a liability for his Materials